



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y	WO 97/35220 A1 (TELEFONAKTIEBOLAGET LM ERICSSON; STENSLAND, LEIF; BORAK, GEORGES; AUGU) 25 September 1997 (1997-09-25) * abstract; figures 3-7 * * pages 2,5 *	1-25	G02B6/22 H01S3/06 H01S3/067 G02B6/28
X	US 6 043 930 A (INAGAKI ET AL) 28 March 2000 (2000-03-28) * columns 1,2,4; figure 3 *	1	
Y		1-10, 14-25	
X	US 6 192 179 B1 (BERKEY GEORGE E ET AL) 20 February 2001 (2001-02-20) * columns 2-6; figures 2,7 *	1	
Y		6,7,9	
X	US 5 530 709 A (WAARTS ET AL) 25 June 1996 (1996-06-25) * columns 3-6; figures 2-5 *	1	
Y		11-13	
A	EP 0 898 348 A1 (NEC CORPORATION) 24 February 1999 (1999-02-24) * figure 1 *	1-25	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	EP 0 881 511 A2 (TRW INC) 2 December 1998 (1998-12-02) * figure 1 *	1-25	H01S G02B
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 31 January 2005	Examiner Meacher, D
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 75 7827

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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31-01-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9735220	A1	25-09-1997	SE 507445 C2	08-06-1998
			AU 2314497 A	10-10-1997
			CA 2250328 A1	25-09-1997
			CN 1214121 A ,C	14-04-1999
			EP 1010024 A1	21-06-2000
			JP 2000506999 T	06-06-2000
			SE 9601113 A	23-09-1997
			US 6222960 B1	24-04-2001
US 6043930	A	28-03-2000	JP 10261826 A	29-09-1998
US 6192179	B1	20-02-2001	US 6429963 B1	06-08-2002
			US 6337763 B1	08-01-2002
			AU 3582200 A	07-08-2000
			CA 2360933 A1	27-07-2000
			CN 1347511 T	01-05-2002
			EP 1181587 A1	27-02-2002
			JP 2002535715 T	22-10-2002
			TW 419600 B	21-01-2001
			WO 0043816 A1	27-07-2000
US 5530709	A	25-06-1996	US 5677920 A	14-10-1997
EP 0898348	A1	24-02-1999	JP 3244114 B2	07-01-2002
			JP 11068240 A	09-03-1999
			US 6148132 A	14-11-2000
EP 0881511	A2	02-12-1998	JP 10332968 A	18-12-1998